

NG-X Series Syn PAG Compressor Oil Synthetic Natural Gas Service

Description

Nemco's NG-X Series Syn PAG Compressor Oils are full synthetic oils formulated with premium polyalkylene glycol (PAG) combined with a high performance additive package. These oils are specifically formulated to provide limited dilution with hydrocarbon gases.

NG-X Synthetic PAG Compressor Oils feature excellent protection against hydrogen sulfide (H₂S) in the gas stream. Corrosion protection, low pour point, excellent lubricity, and limited dilution with hydrocarbon gases ensure that the use of this oil over a wide range of applications and systems will result in a long, trouble-free and uninterrupted service interval. These oils are especially advantageous in compressors operating within harsh chemical environments, particularly with sour gas (H₂S present) applications, due to their robust formulation.

Advantages

- Resistance to H₂S corrosion and Low pour point
- Limits hydrocarbon dilution in service
- Superior lubricity; increased efficiency and reduced operating costs
- Shear stability; increased service life

Applications

- Flooded rotary screw compressors
- Reciprocating compressors
- Rotary screw compressors
- Sour gas applications
- Landfill/Refinery/Offshore gas applications

Use and Storage

To get the best performance from your equipment ensure products meet or exceed manufacturing requirements. Lubricants typically have a shelf life of 5 years under ideal storage conditions. Keep drums and totes in good condition and away from moisture. Keep bungs securely in place; as bungs breath moisture can seep in over time. Where possible, avoid storage in areas where the temperature fluctuates between extreme highs and lows.

Typical physical characteristics - NG-X Syn PAG Compressor Oils

Properties	Method	Result		
ISO Viscosity Grade	-	100	150	180
Kinematic Vis@40°C mm ² /s	ASTM D445	102.4	161.3	183.8
Kinematic Vis@100°C mm ² /s	ASTM D445	20.5	29.9	34.6
Viscosity Index	ASTM D2270	226	228	236
Flash Point, (COC) °C(°F)	ASTM D92	249(480)	248(478)	250(483)
Pour Point, °C(°F)	ASTM D97	-51(-60)	-42(-44)	-39(-38)
Rust - Fresh Water Corrosion	ASTM D-665A	Pass	Pass	Pass
Rust - Salt Water Corrosion	ASTM D-665B	Pass	Pass	Pass

These characteristics are typical of current production, variations in these characteristics may occur.

Availability and product codes

Pack size	18.9L pail	205L drum	1,000 tote
NG-X Syn PAG 100	IOORZ0145	IOORZ0154	IOORZ0155
NG-X Syn PAG 150	IOORZ0161	IOORZ0162	IOORZ0163
NG-X Syn PAG 180	IOORZ0173	IOORZ0174	N/A
Availability	To order, contact us toll free at 855.755.6737 or orderdesk@nemco.ca		

Health, Safety, & Environment

GHS compliant Safety Data Sheets are available at nemco.ca under Safety Data Sheets. For SDS in French, please contact info@nemco.ca. These products are not classified under WHMIS 2015. The SDS contains valuable information critical to the safe handling and proper use of the product. Always take used oil to an authorized collection point. Do not discharge into drains, soil, or water.

Quality

Nemco Resources Ltd works with respected industry suppliers. The manufacturing facility in Winnipeg, Manitoba is proud to be certified to ISO9001. For questions regarding quality, please contact your Technical Sales Representative.